

Comparisons of Job Characteristics

Focus Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073)

Associated Occupation: Industrial Truck and Tractor Operators (53-7051)

Compare Knowledge

Compare Skills

Compare Abilities

Compare Detailed Work Activities

Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 45

Focus Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073)

Associated Occupation: Industrial Truck and Tractor Operators (53-7051)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Production and Processing	6.0	7.8	7.7	0 Current knowledge level may be sufficient
Transportation	4.6	5.1	5.8	> Current knowledge level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 88

Focus Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073)

Associated Occupation: Industrial Truck and Tractor Operators (53-7051)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation and Control	5.4	11.2	13.4	> Skill level is likely sufficient
Operation Monitoring	6.6	10.7	10.0	0 Current skill level may be sufficient
Equipment Maintenance	3.5	8.2	6.9	< A higher skill level may be required
Troubleshooting	4.5	6.2	6.6	0 Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 87

Focus Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073)

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Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Control Precision	6.6	14.0	12.6	<	Some improvement in abilities may be required
Multilimb Coordination	6.0	14.0	13.2	0	Current ability level may be sufficient
Response Orientation	4.0	11.9	8.7	<<	Extensive improvement in abilities may be required
Reaction Time	4.8	11.6	9.7	<	Some improvement in abilities may be required
Depth Perception	5.3	11.5	12.2	0	Current ability level may be sufficient
Static Strength	5.0	10.8	7.1	<<	Extensive improvement in abilities may be required
Rate Control	3.8	10.3	8.6	<	Some improvement in abilities may be required
Spatial Orientation	2.7	8.3	5.3	<<	Extensive improvement in abilities may be required
Peripheral Vision	2.2	7.3	5.1	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 88

Focus Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073)
Associated Occupation: Industrial Truck and Tractor Operators (53-7051)

Work Activities	Exclusivity of Activity
Fasten attachments or accessories to tractor	92
Operate material moving, loading, or unloading equipment	75
Operate tractor with accessories or attachments	76
Signal directions or warnings to coworkers	42
Use hand or power tools	2

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 67

Focus Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073)
Associated Occupation: Industrial Truck and Tractor Operators (53-7051)

Tools and Technologies	Exclusivity
Aerial lifts	13
Computers	1
Conveyors and accessories	18

Heavy equipment components	21
Lifting equipment and accessories	3
Product and material trailers	24
Product and material transport vehicles	13

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.